

REF 10601

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

September 11, 1992

92-RF-10601

Terry A. Vaeth
Manager
DOE, RFO

Attn: S. R. Grace

OPERABLE UNIT NO. 2 SURFACE WATER INTERIM MEASURE/INTERIM REMEDIAL ACTION
(IM/IRA) - EML-0605-92

Ref: J. K. Hartman ltr (9444) to J. M. Kersh, OU2 Surface Water IM/IRA Meeting with
EPA and CDH, August 18, 1992

This is in reply to the referenced letter regarding comparison of radionuclide concentration
at the point of influence and at the surge tank with Applicable or Relevant and Appropriate
Requirements (ARARs) and the installation of a permanent collection system at SW132.

The first issue concerned the discrepancy in concentration of the radionuclides in the
samples collected at the seeps and the samples collected in the surge tank. The samples
collected at the seeps SW59 and SW61 indicate concentrations of Pu and Am above the
ARARs, while the samples collected from the surge tank show concentration of these
radionuclides below the ARARs. A specific response to this concern is as follows:

- Three distinct contemporaneous grab sampling events and analysis will be conducted
at the sump and at the surge tank which allows for transport velocity so that the same
volume of water is sampled. This work is scheduled for completion by
September 25, 1992. Turnaround time is approximately six months to attain
results.
- Smear sampling of scale within the transfer pipe at inlet and outlet points will be
completed. This would involve obtaining a smear sample downstream of the check
valve at the sumps and internal to the inlet at the surge tank. This work is planned
for completion by October 2, 1992.
- A section of pipe will be removed from the inlet of the transfer pipe and be analyzed
for scale. This work is planned for completion by October 9, 1992.
- Upon the completion of the above, a briefing paper will be provided to the Department
of Energy, Rocky Flats Office presenting the findings and conclusions of this effort. If
additional work is needed, a revised strategy will be developed.

With regard to installation of a permanent collection and transfer system at SW132, an
Engineering Job Order (EJO) is in preparation and is expected to be submitted to
EG&G/Facilities Engineering by September 25, 1992 for processing. With present
priorities, an estimated date for completion of processing of the EJO, completion of

ADMIN RECORD

A-OU02-000454

DIST.	INITIALS
JAMIN, A.	
MAN, H.S.	
NCH, D.B.	
NIVAL, G.J.	
P.R.O.	
S.J.G.	
REERA, D.W.	
OWIN, R.	
NI, B.J.	
MAN, L.K.	
Y.T.J.	
IG, J.G.	
FR, E.H.	
Y.W.A.	
STER, A.W.	
G.D.	
E.M.	X
ESTIC, J.P.	
Y.G.E.	
ONALD, M.M.	
GAN, R.V.	X
ER, G.L.	X
JTO, V.M.	
UN, N.B.	
ED, D.I.	
IVAN, M.T.	
NSON, E.A.	
MAN, K.G.	
E.J.S.	
NSON, P.R.	X
ON, J.M.	
J.O.	
medy, C.E.I.	X
ison, E.A.I.	X
inston, I.D.I.	
th, T.A.I.	
lissa, G.M.V.	
shy, J.L.S.	X
lissa, J.W.I.	X
lissa, J.W.I.	X
m. Rec.	X
M. Trck, P.I.X.	
ES CONTROL	X X

SSIFICATION:

CLASSIFIED	X
IDENTICAL	
ET	

DRIZED CLASSIFIER

SIGNATURE
applicable
classifica-
office

exemption

PLY TO RFP CC NO:

388 RF-92

N ITEM STATUS

EN ☐ CLOSED

☐ PARTIAL

PROVALS: (S) (S)

8: (S) (S)

3 TYPIST INITIALS

W.P. cet

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construction and initiation of operation is July 1, 1993. This work has been included in the FY93 Work Package Number 12022.

To provide service throughout the winter, the existing temporary facility must be insulated and protected against the elements and the cold. The Subcontractor has been tasked to "winterize" the existing facility and this is expected to be done by late October 1992. This work will also include providing a hard line for power, eliminating the need for a small generator at SW 132.

If you have any questions or require further information, please contact D. W. Pontius at extension 8616 or E. A. Dillé at extension 9794, both of Remediation Programs.



E. M. Lee, Associate General Manager
Environmental Restoration Management

DWP:cet

Orig. and 1 cc - T. A. Vaeth

cc:
F. R. Lockhart - DOE, RFO